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**SUPPLEMENTAL ENVIRONMENTAL  
ASSESSMENT:**

**REALIGNMENT OF THE KINGSPORT ARMED  
FORCES RESERVE CENTER, HAWKINS  
COUNTY, KINGSPORT, TN, BRAC 2005  
HOLSTON ARMY AMMUNITION PLANT**

**Prepared by  
HSAAP  
4509 West Stone Drive  
Kingsport, Tennessee 37660**

# APPROVALS

Prepared by:

  
Pam Wigle 3 June 2009  
Pam Wigle Date  
Environmental Coordinators, HSAAP

Reviewed by:

Nancy Gray 6/3/09  
Nancy Gray Date  
Public Affairs Officer, HSAAP

Scott Shelton 6/3/09  
Scott Shelton Date  
Chief Engineer, HSAAP

Bruce Cole 6/3/09  
Bruce Cole Date  
Natural Resources Manager, HSAAP

for Pamela K. Wigle 6/3/09  
Pamela K. Wigle Date  
Environmental Coordinator, HSAAP

Tony Stansberry 6-3-09  
Tony Stansberry Date  
Security Manager, HSAAP \*\*

for Robert R. Ragan 6/3/09  
Robert R. Ragan Date  
Commander's Representative  
Holston Army Ammunition Plant

## **FINDING OF NO SIGNIFICANT IMPACT:**

### **REALIGNMENT OF THE KINGSPORT ARMED FORCES RESERVE CENTER, HAWKINS COUNTY, KINGSPORT, TN, BRAC 2005 HOLSTON ARMY AMMUNITION PLANT**

REFERENCE 1: ENVIRONMENTAL ASSESSMENT FOR THE REALIGNMENT OF KINGSPORT ARMED FORCES RESERVE CENTER, KINGSPORT, TENNESSEE TO THE HOLSTON ARMY AMMUNITION PLANT, KINGSPORT, and HAWKINS COUNTY, TENNESSEE BRAC 2005

Pursuant to the Council on Environmental Quality Regulations (40 CFR Parts 1500-1508) for implementing the procedural provisions of the National Environmental Policy Act (42 U.S.C. 4321 et seq.) and Army Regulation 200-2 (Environmental Effects of Army Actions), HSAAP, proposes to construct a **KINGSPORT ARMED FORCES RESERVE CENTER** at Holston Army Ammunition Plant (HSAAP).

As required in 32 CFR 651.5g, reference 1 has been amended to include Supplemental EA documentation "in light of changes in project conditions...." due to the discovery of a new constituent on this site of which a portion needs to be handled as landscaping material.

A Supplemental Environmental Assessment has been prepared which concludes that no significant impact will result. Air pollution emissions and water usage will be minimal. Quantities of energy used, water used, wastes generated and other environmental impacts associated with the proposed action will be minimal. Because no significant impact has been determined, an Environmental Impact Statement is not required.

A copy of the Environmental Assessment may be reviewed by interested parties upon request. The responsible official is Ms. Nancy Gray, Public Affairs Officer, Holston Army Ammunition Plant, 4509 West Stone Drive, Kingsport, TN 37660, Telephone (423) 578-6000. Any comments concerning this proposed action should be submitted in writing to the responsible official no later than 30 days after the publication of this notice.

Reviewed by:

 6/3/09  
\_\_\_\_\_  
Nancy Gray Date  
Public Affairs Officer, HSAAP

 6/3/09  
\_\_\_\_\_  
Scott Shelton Date  
Chief Engineer, HSAAP

*Pam Wigle*  6/3/09  
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Pamela K. Wigle Date  
Environmental Coordinator, HSAAP

 6-3-09  
\_\_\_\_\_  
Tony Stansberry Date  
Security Manager, HSAAP \*\*

\_\_\_\_\_  
Robert R. Ragan Date  
Commander's Representative  
Holston Army Ammunition Plant

\*\* OPSEC Review, performed IAW AR 530-1 concludes that this environmental document contains no prohibited

**Draft Supplemental  
Environmental Assessment (SEA)**

***Realignment of the Kingsport Armed Forces Reserve Center,  
Hawkins County, Kingsport, TN, BRAC 2005***

**A Supplement to the**

ENVIRONMENTAL ASSESSMENT FOR THE REALIGNMENT OF KINGSPORT ARMED  
FORCES RESERVE CENTER, KINGSPORT, TENNESSEE TO THE HOLSTON ARMY  
AMMUNITION PLANT, KINGSPORT, HAWKINS COUNTY, TENNESSEE, BRAC 2005,  
July 2007

Contributors:

**Joint Munitions Command, Rock Island, Illinois**

**Holston Army Ammunition Plant**

**Tennessee Army National Guard**

**Corps of Engineers, Mobile District**

**June 2009**

**For more information, please contact:**

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***Realignment of the Kingsport Armed Forces Reserve Center,  
Hawkins County, Kingsport, TN, BRAC 2005***

REFERENCE 1: ENVIRONMENTAL ASSESSMENT FOR THE REALIGNMENT OF KINGSPORT ARMED FORCES RESERVE CENTER, KINGSPORT, TENNESSEE TO THE HOLSTON ARMY AMMUNITION PLANT, KINGSPORT, and HAWKINS COUNTY, TENNESSEE BRAC 2005

REFERENCE 2: DRAFT SWMU 108 ASSESSMENT REPORT FOR THE ARMED FORCES RESERVE CENTER AND MAINTENANCE SHOP CONSTRUCTION SITE AT HOLSTON ARMY AMMUNITION PLANT, MAY 11, 2009

As required in 32 CFR 651.5g, reference 1 has been amended to include Supplemental EA documentation “in light of changes in project conditions....” due to the discovery of fly ash on this site; creating a Solid Waste Management Unit (SWMU) as described in Reference 2. Upon discovery, this SWMU represented “significant new circumstances or information relevant to environmental concerns and bearing on the proposed action or its impact.” In particular, this Solid Waste Management Unit (SWMU) presented a potential setback to the Center construction schedule.

Reference 2, summarized, and produced the following information:

The SWMU 108 fly ash disposal area was discovered by Foundation Systems Engineering, P.C. during a geotechnical exploration of the proposed construction site of the Armed Forces Reserve Center at HSAAP. The location was on the west side of Area B at Holston Army Ammunition Plant. According to the geotechnical report (Appendix 2 in reference 2) the ash was found in the area proposed for the field maintenance shop and extended to the south and east of the shop’s plan view and the parking area around the shop.

The geotechnical group came back to HSAAP in February to sample the material. The analysis showed only arsenic above the EPA region IV residential risk based concentrations for soil. However, the value was below the background concentration for arsenic. The HSAAP prime contractor, BAE, determined that this is not a characteristic hazardous waste.

A new SWMU notification letter with analytical data was sent to TDEC in accordance with the Holston Corrective Action Order. Reference 2 was submitted as a result of discussions between the Guard, HSAAP and TDEC.

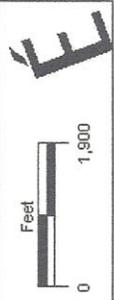
Subsequently, delineation of the ash denoted that the location of the entire SWMU which is shown in Figures 1 and 2. The estimated volume of fly ash is approximately 6816 cubic yards and the SWMU spans about 2.2 acres. As part of the construction, a portion of the material will be excavated, and the Tennessee Army National Guard has chosen to place the material on a liner and, later, mix it with soil. Both will then be spread over the site for landscaping. Tennessee Department of the Environment and Conservation (TDEC) is in agreement with the handling and has granted "No further Action" .  
Environmental Consequences: No significant changes in water runoff (silt fences will be used during construction), air emissions(fugitive dust),all waste will be properly disposed of ,no wetlands or are on the site, no threatened and endangered species are located at this site as well.

A 30 day comment period will be provided for.

Figure 1: Location of SWMU 108



Legend



Proposed ARNG Site and Potential New SWMU

Figure 2: Location and Topography of SWMU

